Datasheet for ABIN1459090

LMX1B Protein (AA 1-400) (His tag)

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Overview

Quantity:	1 mg
Target:	LMX1B
Protein Characteristics:	AA 1-400
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LMX1B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDIASGPESL ERCFPRGPTD CAKMLDGIKM EDHPLRSGPA TLGVLLGSEC PHQAVCEGCQ RPISDRFLMR VNESSWHEEC LQCAVCQQAL TTSCYFRDRK LYCKQDYQQL FAAKCSGCME KIAPTEFVMR ALECVYHLSC FCCCVCERQL RKGDEFVLKE GQLLCKSDYE KEKDLLSSVS PDDSDSVKSD DEDGDVKPTK GQVTQGKGSD DGKDPRRPKR PRTILTTQQR RAFKASFEVS SKPCRKVRET LAAETGLSVR VVQVWFQNQR AKMKKLARRH QQQQEQQNSQ RLGQEVMSNR MEGMMTSYTP LAPPQQQIVA MDQSSYGTDP FQQGLTPPQM PGDHMNPYGN DSIFHDIDSD TSLTSLSDCF LASSEVNSMQ ARVGNPIDRL YSMQSSYFAS
Specificity:	Gallus gallus (Chicken)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	LMX1B
Alternative Name:	LIM/homeobox protein LMX-1.2 (LMX1B) (LMX1B Products)
Background:	Recommended name: LIM/homeobox protein LMX-1.2. Short name= Homeobox protein LMX-1. Short name= LIM/homeobox protein 1. Short name= LMX
UniProt:	P53413
Pathways:	Dopaminergic Neurogenesis

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.